

NEW MEDICATIONS TO FIGHT HIV

Selzentry (maraviroc) CCR5 co-receptor blocker



Take 1 tablet (300mg) with or without food twice a day

150mg bid c ritonavir boosted protease inhibitors

600 mg bid c etravirine or efavirenz

150 mg bid c ritonavir and etravirine

dose adjustment also needed with clarithromycin, itraconazole

need CCR5 tropism assay to see if will respond

80% of treatment experienced patients with Tcells<100 have CXCR4 virus

SE: uncommon: cough 5-10%, dizziness, fever, rare liver toxicity

Isentress (raltegravir) integrase inhibitor

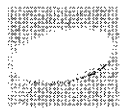


1 tablet (400 mg) twice a day with or without food

SE: uncommon: nausea, dizziness

Avoid dosing with metal ions (calcium, ant-acids)

Intelence (etravirine) non-nucleoside reverse transcriptase inhibitor



2 tablets (100 mg each) twice a day with food

Effective against 1st gen NNRTI resistant virus (K103N, Y181C)

SE: 10-18% of men and 34% women get transient rash

Contraindicated with atazanavir, fosamprenavir, tipranavir (levels markedly incr or dec.)

Prezista (darunavir) protease inhibitor



New 600 mg
tablet of Prezista

1 tablet (600 mg) twice a day with food

Take with 1 tablet Norvir (ritonavir 100mg) twice a day

Works against protease inhibitor resistant virus

SE: rash, abd pain, constipation, headache

Aptivus (tipranavir) protease inhibitor

2 tablets (250 mg each) twice a day with food (high fat meal best)



Take with 2 tablets Norvir (ritonavir 100mg each) twice a day

Works against protease inhibitor resistant virus

Don't give with antacids

















Multiple drug drug interactions


































SE: intracranial hemorrhage, n/v, diarrhea, incr LFTs, rash



A DOSAGE GUIDE TO DRUGS USED IN THE TREATMENT OF HIV*










This chart does not include dose adjustments or limitations on using these medicines in combination. Please refer to each medicine's full prescribing information or patient information.

Please be aware that HIV drugs do not cure HIV infection, do not reduce the transmission of HIV, and should be taken only in combination with other drugs for HIV.

MY REGIMEN	DRUG/MANUFACTURER	ADULT DOSING	TOTAL PILLS/DAY	DIETARY CONSIDERATIONS
SINGLE TABLET REGIMEN				
ONCE DAILY	ATRIPLA® (efavirenz 600 mg/emtricitabine 200 mg/tenofovir disoproxil fumarate 300 mg, EFV/FTC/TDF or ATR) Bristol-Myers Squibb & Gilead Sciences, LLC	One tablet (contains 600 mg EFV, 200 mg FTC, and 300 mg TDF) once a day (a total of one tablet a day) (multiclass). 	1	Take on an empty stomach, preferably at bedtime.
NUCLEOTIDE/NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS				
ONCE DAILY	TRUVADA® (emtricitabine/tenofovir disoproxil fumarate, FTC/TDF or TDF) Gilead Sciences, Inc.	One tablet (contains 200 mg FTC and 300 mg TDF) once a day (a total of one tablet a day). 	1	No food restrictions.
ONCE DAILY	VIREAD® (tenofovir disoproxil fumarate, TDF) Gilead Sciences, Inc.	One 300-mg tablet once a day (a total of one tablet a day). 	1	No food restrictions. <i>UA, Phos, Lyles, Cr Q2-3 mos initially then T2X/yr</i>
ONCE DAILY	EMTRIVA® (emtricitabine, FTC) Gilead Sciences, Inc.	One 200-mg capsule once a day (a total of one capsule a day). 	1	No food restrictions.
ONCE DAILY	Epzicom® (abacavir sulfate/lamivudine, ABC/3TC or EPZ) GlaxoSmithKline	One tablet (contains 600 mg ABC and 300 mg 3TC) once a day (a total of one tablet a day). 	1	No food restrictions.
ONCE DAILY	Videx® EC (didanosine, ddI EC) Bristol-Myers Squibb Company	For patients weighing at least 132 lb (60 kg): one 400-mg capsule once a day (a total of one capsule a day). For patients weighing less than 132 lb (60 kg): one 250-mg capsule once a day (a total of one capsule a day). 	1 or 2	Take on an empty stomach. Must be swallowed whole.
1 OR 2 TIMES DAILY	Epivir® (lamivudine, 3TC) GlaxoSmithKline	One 150-mg tablet twice a day (a total of two tablets a day) or one 300-mg tablet once a day (a total of one tablet a day). 	1 or 2	No food restrictions.
1 OR 2 TIMES DAILY	Ziagen® (abacavir sulfate, ABC) GlaxoSmithKline	One 300-mg tablet twice a day or two 300-mg tablets once a day (a total of two tablets a day). 	1 or 2	No food restrictions. <i>HLA B57:01</i>
1 OR 2 TIMES DAILY	Combivir® (lamivudine/zidovudine, AZT/3TC, ZDV/3TC or CBV) GlaxoSmithKline	One tablet (contains 150 mg 3TC and 300 mg AZT) twice a day (a total of two tablets a day). 	1 or 2	No food restrictions.
2 TIMES DAILY	Retrovir® (zidovudine, AZT or ZDV) GlaxoSmithKline	One 300-mg tablet twice a day (a total of two tablets a day). 	2	No food restrictions.
2 TIMES DAILY	Trizivir® (abacavir sulfate/lamivudine/zidovudine, ABC/3TC/AZT or TRZ) GlaxoSmithKline	One tablet (contains 300 mg ABC, 150 mg 3TC, and 300 mg AZT) twice a day (a total of two tablets a day). 	2	No food restrictions.
2 TIMES DAILY	Zerit® (stavudine, d4T) Bristol-Myers Squibb Company	For patients weighing at least 132 lb (60 kg): one 40-mg capsule every 12 hours (a total of two capsules a day). For patients weighing less than 132 lb (60 kg): one 30-mg capsule every 12 hours (a total of two capsules a day). 	2 or 3	No food restrictions.
NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS				
ONCE DAILY	Sustiva® (efavirenz, EFV) Bristol-Myers Squibb Company	One 600-mg tablet once a day (a total of one tablet a day). 	1	Take on an empty stomach, preferably at bedtime. <i>Fatigue, Red Oozing, Ocular Rash</i>
2 TIMES DAILY	Viramune® (nevirapine, NVP) Boehringer Ingelheim Pharmaceuticals, Inc.	One 200-mg tablet once a day for 14 days, then one 200-mg tablet twice a day (a total of two tablets a day). 	First 14 days: 1 Day 15 and beyond: 2	No food restrictions.
2 TIMES DAILY	Intence® (etravirine, ETR) Tibotec Therapeutics	Two 100-mg tablets twice a day (a total of four tablets a day). 	4	Take following a meal. Tablets may be dispersed in water. <i>Separate Resistance from Non-NRTI for the most part</i>
3 TIMES DAILY	Rescriptor® (delavirdine mesylate, DLV) Pfizer Inc.	Two 200-mg tablets three times a day (a total of six tablets a day) or four 100-mg tablets three times a day (a total of 12 tablets a day). 	6 or 12	No food restrictions. 100-mg tablet may be dispersed in water. 200-mg tablet must be taken intact. <i>Take off for initial Resistance to Other Non-NRTIs</i>

ONLY REGIMEN	DRUG/MANUFACTURER	ADULT DOSING	TOTAL PILLS/DAY	DIETARY CONSIDERATIONS
PROTEASE INHIBITORS				
ONCE DAILY	Reyataz® (atazanavir sulfate, ATV) Bristol-Myers Squibb Company <i>Doesn't Cause Apathy</i>	  Therapy-naïve or -experienced patients: one 300-mg capsule plus one 100-mg ritonavir capsule once a day (a total of two capsules a day). Therapy-naïve patients unable to tolerate ritonavir: two 200-mg capsules once a day (a total of two capsules a day).	 or  Avoid PPI + H ₂ Blocker	Take with food. <i>Less GI Side Effect</i> ↑ IL-6, ↑ TNF-α - As high as Hapt will tolerate
	Kaletra® (lopinavir/ritonavir, LPV/RTV or LPV/r) Abbott Laboratories	 Therapy-naïve patients: two 200/50-mg tablets twice a day or four 200/50-mg tablets once a day (a total of four tablets a day). Therapy-experienced patients: two 200/50-mg tablets twice a day (a total of four tablets a day). Once-daily administration of Kaletra is not recommended in therapy-experienced patients.	 or 	No food restrictions. Must be swallowed whole.
1 OR 2 TIMES DAILY	Lexiva® (fosamprenavir calcium, FPV) GlaxoSmithKline	 Therapy-naïve patients: two 700-mg tablets twice a day (without ritonavir) (a total of four tablets a day) or two 700-mg tablets plus two 100-mg ritonavir capsules once a day (a total of four pills a day) or two 700-mg tablets plus one 100-mg ritonavir capsule once a day (a total of three pills a day) or one 700-mg tablet plus one 100-mg ritonavir capsule twice a day (a total of four pills a day). Protease inhibitor-experienced patients: one 700-mg tablet plus one 100-mg ritonavir capsule twice a day (a total of four pills a day). Once-daily administration of Lexiva plus ritonavir is not recommended in protease inhibitor-experienced patients. Adjustment of ritonavir dose when Lexiva plus ritonavir are administered with efavirenz: an additional 100 mg/day (300 mg total) of ritonavir is recommended when EFV is administered with Lexiva plus ritonavir once daily. No change in the ritonavir dose is required when EFV is administered with Lexiva plus ritonavir twice daily.	 or  or  or  or 	No food restrictions.
2 TIMES DAILY	Aptivus® (tipranavir, TPV) Boehringer Ingelheim Pharmaceuticals, Inc.	 Therapy-naïve patients: two 250-mg capsules plus two 100-mg ritonavir capsules twice a day (a total of eight capsules a day).	 or 	No food restrictions. <i>Risk of Intest. Hemorrhage - Rare</i>
	Prezista® (darunavir, DRV or PRZ) Fibrotec Therapeutics <i>Works against highly resistant Virus</i>	 Therapy-naïve patients: Two 400-mg tablets plus one 100-mg ritonavir capsule once a day (a total of three pills a day). Therapy-experienced patients: One 600-mg capsule or two 300-mg capsules plus one 100-mg ritonavir capsule twice a day (a total of four or six capsules a day).	 or  or 	Take with food. Must be swallowed whole.
	Norvir® (ritonavir, RTV) Abbott Laboratories <i>Can Only Use Lipitor + Crestor. But @ Low Doses. Max Lipitor 20, Max Crestor 10mg</i>	 Six 100-mg capsules twice a day (a total of 12 capsules a day). Ritonavir should be started at no less than 300 mg twice daily and increased at two- to three-day intervals by 100 mg twice daily.	 or 	Take with food.
2-3 TIMES DAILY	Invirase® (saquinavir mesylate, SQV) Hoffmann-La Roche, Inc. <i>Lipodystrophy</i>	 Five 200-mg capsules twice a day plus one 100-mg ritonavir capsule twice a day (a total of 12 capsules a day) or two 500-mg tablets twice a day plus one 100-mg ritonavir capsule twice a day (a total of six pills a day).	 or 	Take within two hours after a full meal.
	Viracept® (zidovudine mesylate, ZDV) Agouron Pharmaceuticals, Inc.	 Two 625-mg tablets twice a day (a total of four tablets a day) or three 250-mg tablets three times a day (a total of nine tablets a day) or five 250-mg tablets twice a day (a total of 10 tablets a day).	 or  or 	Take with food. May be dispersed in water.
3 TIMES DAILY	Crixivan® (indinavir sulfate, IDV) Merck & Co., Inc. <i>Lipodystrophy</i>	 Two 400-mg capsules every eight hours (a total of six capsules a day).	 or 	Should be administered without food but with water one hour before or two hours after a meal for optimal absorption. May alternatively be administered with other liquids such as skim milk, juice, coffee, or tea, or with a light meal (eg, dry-toast with jelly, juice, and coffee with skim milk and sugar; or corn flakes, skim milk, and sugar). To ensure adequate hydration, it is recommended that adults drink at least 1.5 liters (~48 ounces) of liquid during the course of 24 hours.

INTEGRASE INHIBITORS				
2 TIMES DAILY	Isentress® (raltegravir, RAL) Merck & Co., Inc.	 One 400-mg tablet twice a day (a total of two tablets a day).		No food restrictions. <i>Prevents integration into native cell DNA</i>

ENTRY INHIBITORS				
2 TIMES DAILY	Selzentry® (maraviroc, MVC) Pfizer Inc. <i>CCR5 Co-Receptor Blocker</i> <i>Letec in Dimer CXCR4 Receptor is used.</i>	  For patients taking strong CYP3A inhibitors with or without CYP3A inducers: one 150-mg tablet twice a day (a total of two tablets a day). For patients taking other concomitant medications, including tipranavir/ritonavir, nevirapine, all NRTIs, and efavirenz: two 150-mg tablets twice a day (a total of four tablets a day) or one 300-mg tablet twice a day (a total of two tablets a day). For patients taking strong CYP3A inducers without a strong CYP3A inhibitor: four 150-mg tablets twice a day (a total of eight tablets a day) or two 300-mg tablets twice a day (a total of four tablets a day).	 or  or  or  or 	No food restrictions. <i>Send CCR5 Tropism Assay</i> <i>Don't Send if VL Undetectable</i>
	Fuzeon® (enfuvirtide, T-20) Hoffmann-La Roche, Inc.	 90 mg (1 mL) twice a day injected subcutaneously into the upper arm, anterior thigh, or abdomen.		N/A

Pills shown are not actual size.
 Indications, safety, dosing considerations, and efficacy may vary. This chart does not include dose adjustments or limitations on using these medicines in combination. Alternative formulations or dosage forms are available for some products.
 *Used alone or in combination.
 Please refer to the full Prescribing Information for each medication contained in this chart.
 Please see the inside cover of this folder for Important Safety Information for TRUVADA, EMTRIVA, and VIREAD (including boxed WARNINGS).